

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:  
Applicant : Howard Brockman  
Serial No. : To be assigned  
Filed :  
Docket : FTL-005PAT

JC997 U.S. PTO  
10/055312  
10/26/01

Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to the applicant's duty of good faith and candor to the Patent Office under 37 C.F.R. 1.56, the Examiner's attention is directed to the following references identified on the attached Form PTO-1449. A copy of each reference is attached.

**Reference AA, U.S. Patent No. 651,597** to Etre of interest for its showing of electric welding in which the original exposed surfaces of a bar are heated for the purpose of making the bar ductile, the real union between the bars being effected, entirely by metal which formed no part of the exposed

I hereby certify that this correspondence is being deposited with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EK958621113US, addressed to : Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231 on October 26, 2001.

*Mark F. Smith* *Oct. 26, 2001*  
Mark F. Smith Date

**Reference AB, U.S. Patent No. 4,224,496** to Riordan et al. is of interest for its showing of a method and apparatus for controlling a brazing machine. An electronic signal is provided which is representative of the temperature at the weld joint and the heating of the electrodes are actuated on and off in response to the signal when the temperature at the joint reaches predetermined temperature levels.

**Reference AC, U.S. Patent No. 4,273,983** to Ogawa et al. Is of interest for its showing of a method of resistance welding

**Reference AD, U.S. Patent No. 4,602,148** to Ramsey is of interest for its showing of thermoplastic fitting electric heat welding method and apparatus whereby regulated electric power is supplied to the heating element during the welding process. The amount of time the controlled electric power is supplied is predetermined.

**Reference AE, U.S. Patent No. 4,705,937** to Marek is of interest for its showing of an apparatus for automatically controlling the temperature of welding bands. A controller is provided to control the output power of the heating circuit in dependence upon the deviation of the determined actual temperature of the welding band.

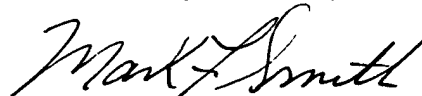
**Reference AF, U.S. Patent No. 5,880,425** to Carnes, Jr. et al. is of interest for its showing of a method and apparatus for joining metals. The method includes using a high current, low voltage pulse to a pair of workpieces to be joined.

Reference AG, U.S. Patent No. 5,902,507 to Wiezbowski et al. is of interest for its showing of a closed loop temperature control of induction brazing. Power is supplied to the induction coil until temperature reaches a specific set point corresponding to the desired brazing temperature of the alloy.

Representation as to the pertinency of the cited art has been made in good faith and is based upon present understanding of the claimed invention and the scope and content of the cited art.

It is to be understood that the present submission of art is in no way intended to be a waiver of any arguments under the Rules of the U.S. Patent and Trademark Office and the statutes of the United States.

Respectfully submitted,



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October 26, 2001

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